

## ECS Configuration Change Request

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<b>1. Originator</b> Cherry Kenney	<b>2. Log Date:</b> 1/8/03	<b>3. CCR #:</b> 03-0014	<b>4. Rev:</b> —	<b>5. Tel:</b> 301-883-4177	<b>6. Rm #:</b> 3204D	<b>7. Dept.</b> DEV/SWIT
<b>8. CCR Title:</b> TE_6A.06_DPL.11						
<b>9. Originator Signature/Date</b> Cherry A. Kenney /s/ 1/8/03			<b>10. Class</b> II	<b>11. Type:</b> CCR	<b>12. Need Date:</b> 08Jan03	
<b>13. Office Manager Signature/Date</b> Louis Swentek /s/ 1/8/03			<b>14. Category of Change:</b> Initial ECS Baseline Doc.		<b>15. Priority:</b> (If "Emergency" fill in Block 27). Emergency	
<b>16. Documentation/Drawings Impacted:</b>			<b>17. Schedule Impact:</b>		<b>18. CI(s) Affected:</b> DPL	
<b>19. Release Affected by this Change:</b> 6A		<b>20. Date due to Customer:</b> 08Jan03		<b>21. Estimated Cost:</b> None - Under 100K		
<b>22. Source Reference:</b> <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: 36028, 36298, 36404						
<b>23. Problem: (use additional Sheets if necessary)</b> Sv=5, Bug id = ECSed36028, Subsystem = OPS_DPool Desc: Must check file integrity after DPL insert Sv=1, Bug id = ECSed36298, Subsystem = OPS_DPool Desc: GSFC/SMC: DPL Cleanup and Sybase locks Sv=2, Bug id = ECSed36404, Subsystem = OPS_INSTALLATION Desc: 6A.06 DPL.09/.10 EcDIActionDriverDebug showing java exception						
<b>24. Proposed Solution: (use additional sheets if necessary)</b> Deliver TE_6A.06_DPL.11 to all DAACs. TE_6A.06_DPL.11 supersedes TE_6A.06_DPL.10. TE must be installed on top of Patch_6A.06_DPL.08.						
<b>25. Alternate Solution: (use additional sheets if necessary)</b> Delay testing; wait until next DPL subsystem delivery.						
<b>26. Consequences if Change(s) are not approved: (use additional sheets if necessary)</b> 6A.06 will not have the DPL functionality.						
<b>27. Justification for Emergency (If Block 15 is "Emergency"):</b> DAACs requested TE to fix NCRs stated above.						
<b>28. Site(s) Affected:</b> <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
<b>29. Board Comments:</b>				<b>30. Work Assigned To:</b>		<b>31. CCR Closed Date:</b>
<b>32. EDF/SCDV CCB Chair (Sign/Date):</b> Mary Armstrong /s/ 01/08/03		<b>Disposition:</b> <span style="border: 1px solid red; color: red;">Approved</span> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
<b>33. M&amp;O CCB Chair (Sign/Date):</b> Pamela Johnson /s/ 01/08/03		<b>Disposition:</b> <span style="border: 1px solid red; color: red;">Approved</span> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS				
<b>34. ECS CCB Chair (Sign/Date):</b>		<b>Disposition:</b> Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS				

# ADDITIONAL SHEET

**CCR #:** 03-0014 **Rev:** — **Originator:** Cherry Kenney

**Telephone:** 301-883-4177 **Office:** 3204D

**Title of Change:** TE\_6A.06\_DPL.11

Actions

ClearCase Support Group (CSG):

Please make a set of tar files from the 6A06 Baseline:

Please make one SOL8 tar file with the following package:

.EcDI.pkg

Please make one IRIX65 (irix65) tar file with the following package:

.EcDIDatabase.pkg

.EcDIAMassAccess.pkg

Please label these tar files TE\_6A.06\_DPL.11

DAAC Install Instructions

Patch Dependencies : Deliver TE\_6A.06\_DPL.11 to all DAACs. TE\_6A.06\_DPL.11 supersedes TE\_6A.06\_DPL.10. TE must be installed on top of Patch\_6A.06\_DPL.08.

## A. SETUP

1. Untar the tar files
2. cd <staging\_disk>/IRIX65/CUSTOM/dbms/DPL
3. chmod -R 775
4. Logon to any SUN in sitemap and bring up E.A.S.I
5. Kill the DPL servers

## B. INSTALLTION:

- 1 Install the following packages

.EcDI.pkg

EcDIAMassAccess.pkg

.EcDIDatabase.pkg

## C. CONFIGURATION:

1. Login into the xxdpsnn machine and run make config for EcDIInsertUtilityMkcfg. The following new parameters must be configured:

CHECKSUM\_PERCENTAGE -100 (indicates what percentage of inserts will get be checksumed)  
The CHECKSUM\_PERCENTAGE configurable parameter specifies what percentage of the copies into DPL will be checksumed on the dps machine. The result will be compared with the checksum received from the archive hosts. If they are identical - the DPL copy worked. Otherwise, the copy will be retried 3 times - and if the failure still occurs - the corrupted file will be moved into the CORRUPTED\_FILES\_SUBDIR of the

DPL\_ROOT directory. The DPL ingest will FAIL.

CORRUPTED\_FILES\_SUBDIR corrupted\_files(directory is created during install)  
The CORRUPTED\_FILES\_SUBDIR represents the area under the DPL\_ROOT (Data Pool Root directory, usually /datapool/MODE/user) where the corrupted files will be stored. Counting the files in this subdirectory will show us for how many files corruption was encountered - and was not fixed. If the specified directory does not already exist under the DPL\_ROOT area - it will be automatically created by the CUSTOM code.

#### D. PATCH DMS DATABASE:

Bring up the EcsAssist on the host where the DPL database resides and patch the SSS database to Patch number 6012.

#### E. POST INSTALLATION:

1. Bring up the DPL servers